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1. A method, comprising the steps of:
receiving a frame of data having a predetermined number of time slots;
receiving a plurality of data symbols in each respective time slot; and
receiving a primary, a secondary and a tertiary synchronization code in each said predetermined number of time slots.
2. A method as in claim 1, wherein the secondary and the tertiary synchronization codes identify a subset of codes.
3. A method as in claim 2, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of synchronization code elements, the predetermined order corresponding to the subset of codes.
4. A method as in claim 1, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of common synchronization code elements.
5. A method as in claim 1, wherein a mobile receiver identifies a first time slot of the frame by the tertiary synchronization code.

Cancel claims 6-12.

13. A method, comprising the steps of:
 - transmitting a frame of data having a predetermined number of time slots;
 - transmitting a plurality of data symbols in each respective time slot; and
 - transmitting a primary, a secondary and a tertiary synchronization code in each said predetermined number of time slots.
14. A method as in claim 13, wherein the secondary and the tertiary synchronization codes identify a subset of codes.
15. A method as in claim 14, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of synchronization code elements, the predetermined order corresponding to the subset of codes.
16. A method as in claim 13, wherein the secondary and tertiary synchronization codes are formed from a predetermined order of common synchronization code elements.
17. A method as in claim 13, wherein the tertiary synchronization code order corresponds to an order of time slots in the frame.

Cancel claims 18-24.